

Figure 1

117	: 208 : 237	328 277	44 8 1
120 VATDW :	240 ATWKE :	360 STALV :	480 VNRKG :
ivgtker Kesae		LKSIK	PLIGE'
TRECTIVE	YKMIFI SKVYJ	LVRLVDI	SMPRGEI
80 * 120 T <u>Werni</u> vtrcymhnrn <mark>k</mark> kagia <mark>du</mark> e pev <u>en</u> gtwnyctrenatow F <u>werni</u> tssapevwoengreedullerakeresaegves	160 * 220 * 240 Wisnemingler ingernations of the cross of	340 EVYSLHI	460 .vtvredi ~~~~~~
NKAGI. ENG	KETISA OMBLTS	HEQNID	SEFTLA
* SYMHNRI APMVWQI	* (Temographor) (VWTDE)	* SVLYCLI	* RYYETN:
D SENVTRO SENTSSA	SE SEA	LLYTPD(0 EQGQDQ1 ~~~~~~
B(LYVLWE LFIFWE	200 GEAGVE	320 VSAYSSLJ	440 VVWPVSE(
* VARGENNI	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	* VSEGDD! ~~~~~~	* VGGGGH)
WDDBBW WDDBRW	kead ke	MWHVGQ'	EGVRLD
60 Dahysk tonesk	180 WVSKIE WMNNILE	300 MTDGNR	420 GAVSTA
* BNGRV	* RNKANR LNTNKS	* .DRIQIW ~~~~~~	* VNAATS
COKREVE TOKY ET	N.L. PWCA	KGSYYR	JPDAYRC
40 TEGER AGOER	160 MENGEL	280 Weerni Weer	400 PLTEKT®
DEVAKES	AZGAV	SWEWATEL	AGLLVG)
* SDSSLI	-TOFLE	* ETVEVE EATEWE	* I PTAGL/
20 ~~~~~~ TRYLRA	140 SGSP GKIDERS	260 Fresser Fress	380 YDPGCDG
LIATED	1 YNE PWS	2 PGRSG	3 LPGDKY
* :VEIDGV	* YTALKSI SPLYLKH	* SRV: CANS	* SLLLGNC
FRIPSI	SISMER	MINCE	WKAQDE
* 40 * 60 * T.con.ts1 : ~~~~~~~~~~~~~~~~~~~~~~~~~ 101 VAKKKETBGERRRRREVETBGERVDAHYSKKYDDERVYAKENNITYUL T.con.ts2 : Fripsiveidgvliatedtrylrasdsslignam <mark>kksaaboe</mark> rremteinervakardinervakardenniskaadervavkedniteter	140 * T.con.TS1 : SISHERTALKSLYNPPNSGSPTTEFLEGAEGEV T.con.TS2 : SFTNDEPLYLKHLLTSNGKIDERSLIBYIGGVENET	* 320 * 340 * 360 T.con.TSI: MINCESRWESNEDCRSGESESSERETVRVESWESSYRDELOLWWIDGNRMWHVGQVSEGDDNSAYSSLLYTPDGVLYCLHEQNIDEVYSLHIVRIVDELKSIKSTALV: T.con.TSZ: AIGSERRYESNERYRNDEGGESSEBALEWEGVEVRWKOERBE	* 380 * 440 * 440 T. CON. TS1 : WKAQDELLLGNCLPGDKYDEGCLIVGPLTEKTWPDAYRCVNAATSGAVSTAEGVRLDVGGGGHVVWPVSEQGQDQRYYFTNSEFTLAVTVRFDEMPRGELPLLGFVNRKG : 448
7. Con	T.con T.con	T.con	T.con

Figure 2

<u>Sialidase</u>

Hydrolysis of donor boded silalic acids

 $Y - N e u 5 A c + H_2 O$

Neu 5 A c + Y

Sialy Itransferase
Transfer of sialic acids activated with CMP to acceptor molecules

C M P - N e u 5 A c + X



X - N e u 5 A c + C M P

Trans-sialidase

Transfer of sialic acids from donor to acceptor molecules

Y - N e u 5 A c + X - G a l



X - Gal - Neu 5 Ac + Y

Figure 3

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